

Claims

*Sub A1*

1. An antenna having a non-planar radiator surface.
2. An antenna according to claim 1 in which the radiator surface extends in three dimensions.

*Sub A1* 5 3. An antenna according to claim 1 or claim 2 further having a ground plane provided opposite the radiator surface.

*Sub A2* 4. An antenna according to claim 3 wherein the ground plane is a planar surface.

*Sub A2* 5. An antenna according to any preceding claim in which there is provided a dielectric on the radiator surface.

10 6. An antenna according to claim 5 wherein the dielectric increases the average height of the antenna.

7. A mobile station including an internal antenna having a non-planar radiator surface.

*Add A3*